



WISKI AND WATER

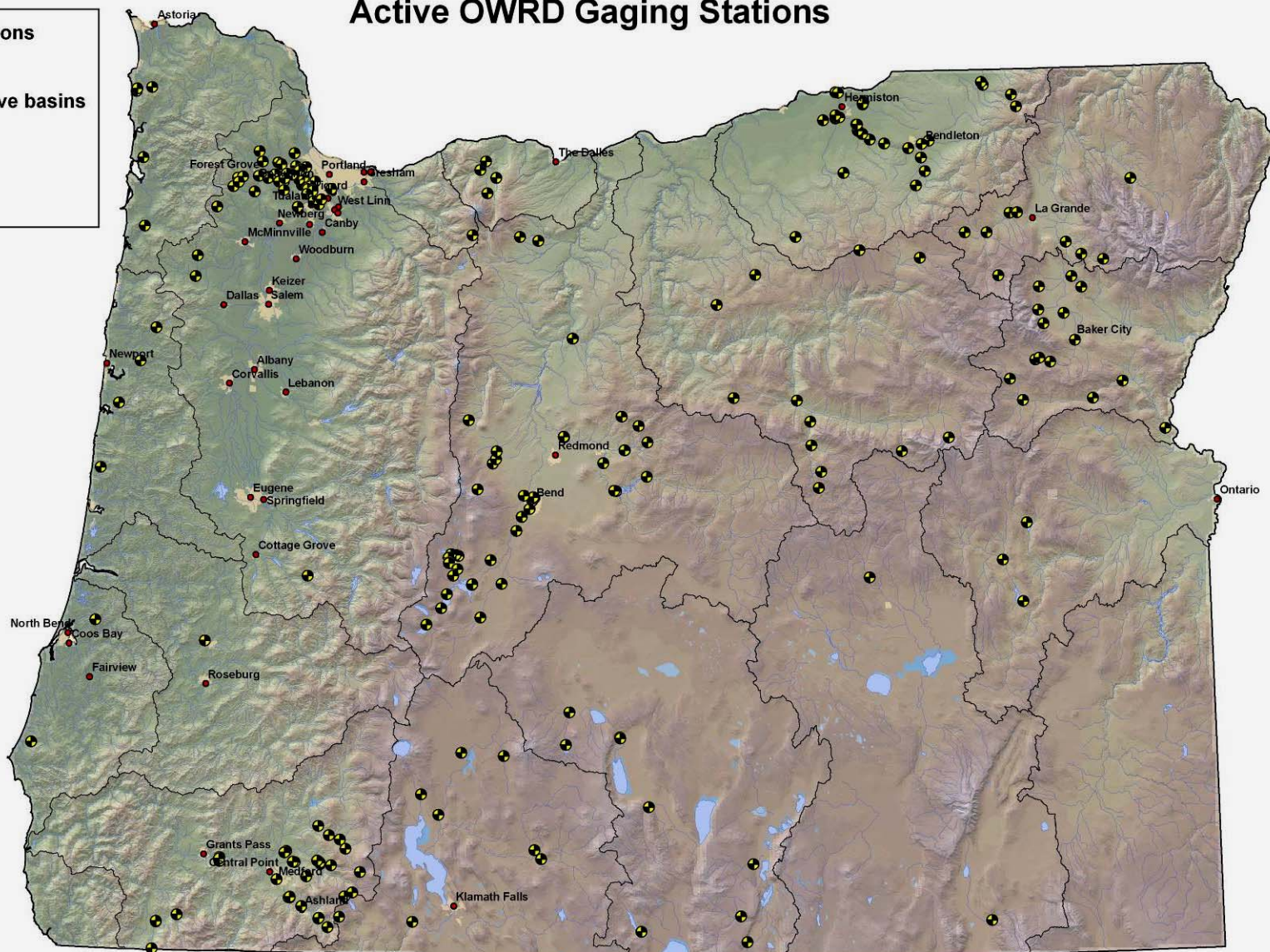
THE TRANSITION TO WISKI
SOFTWARE BY OREGON
WATER RESOURCES
DEPARTMENT

Active OWRD Gaging Stations

Stream gaging stations

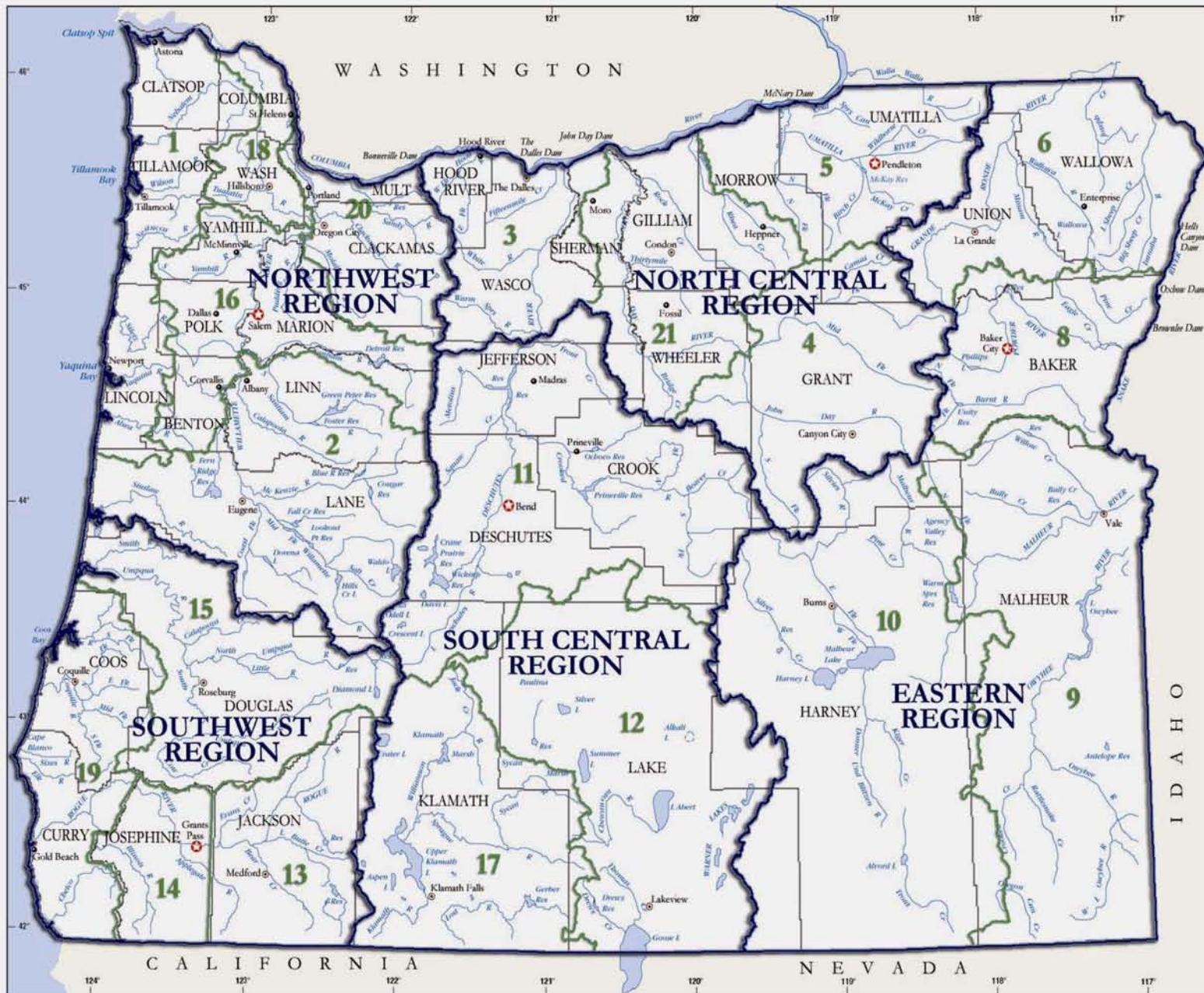
OWRD administrative basins

Cities



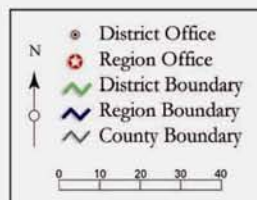
20 10 0 20 40 60 80 100 120 140 Miles





District Offices

- 1 Tillamook
- 2 Eugene
- 3 The Dalles
- 4 Canyon City
- 5 Pendleton
- 6 La Grande
- 8 Baker City
- 9 Vale
- 10 Burns
- 11 Bend
- 12 Lakeview
- 13 Medford
- 14 Grants Pass
- 15 Roseburg
- 16 Salem
- 17 Klamath Falls
- 18 Hillsboro
- 19 Coquille
- 20 Oregon City
- 21 Condon



State of Oregon
Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900
www.wrd.state.or.us

**Regions and
 Watermaster
 Districts**
 2005



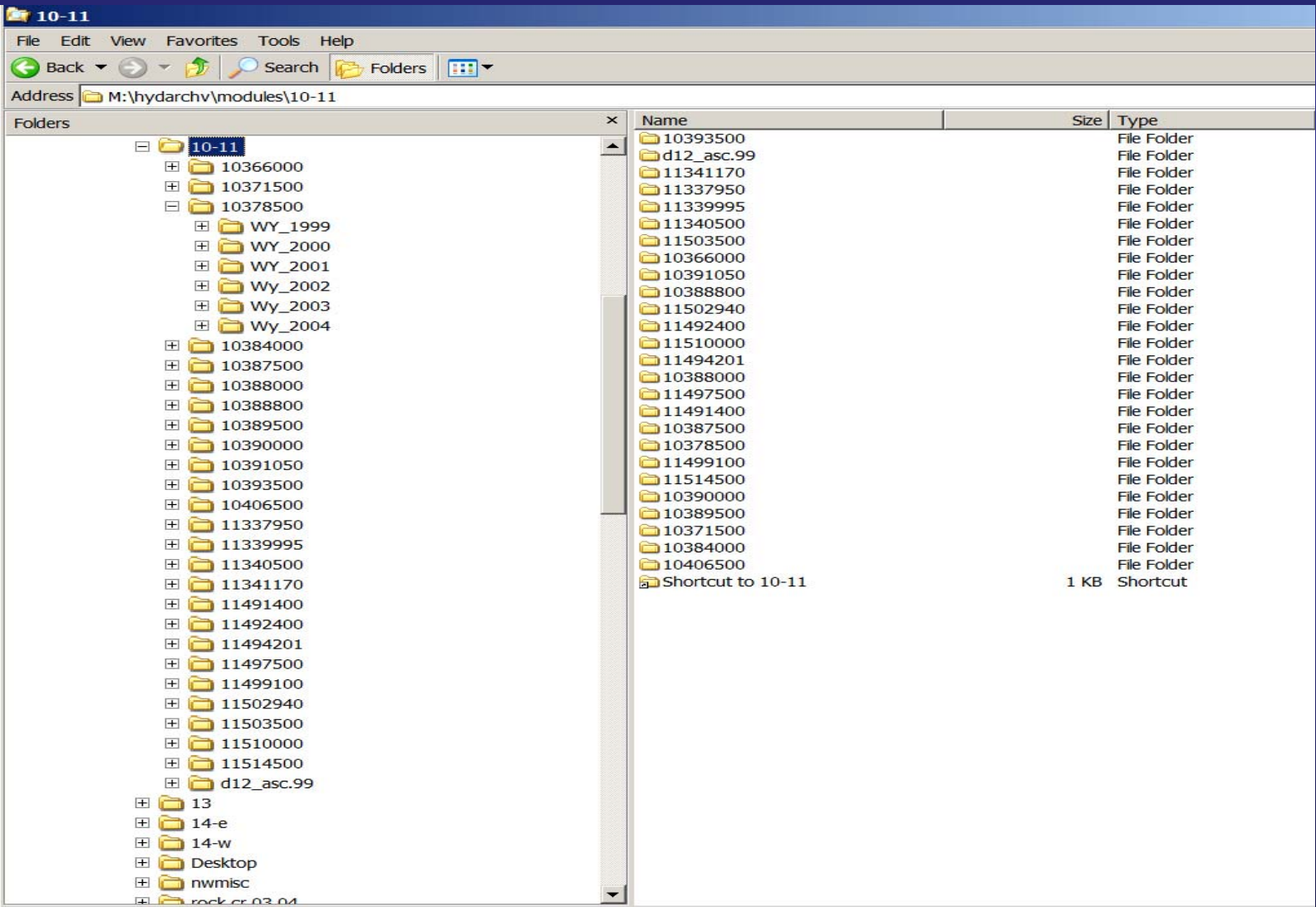
WHERE WE STARTED

NO DATA BASE: INDIVIDUAL FILES
STORED IN REGIONAL AND
DISTRICT OFFICES USING :

- WIN_SW
- QUATTRO PRO SPREADSHEETS
- EXCEL SPREADSHEETS
- ETC.



Discharge Measurement Archive





Measurement Summary

Quattro Pro 12 - [M:\hydarchv\ratcurvs\13\13214000.wb3]

File Edit View Insert Format Tools Window Help

Arial 8 B I U x² x₂ ABC % L.O. Normal

A:A1 @ {}

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	OREGON WATER RESOURCES DEPARTMENT, FORM 9-207																
2																	
3	Discharge measurements for 13214000 Malheur R nr Drewsey, or																
4																	
5	for water year 1998 Rating 21																
6	mmts >2000 cfs since 1952																
7	MMT	DATE	GH	Meas Q	Shift	RATED Q	Q	PER	CENT	REMARKS	RATING CURVE SUMMARY						
8						W/O sh	W/sh	w/o sh	w/sh		G.H.	G.H.	DISCH.	OFFSE	HI	LO	
9	245	03/27/52	10.90	3470.00				ERR			0	0	3643.50		3296.50		
10	246	03/28/52	10.37	3080.00				ERR			0	0	3234.00		2926.00		
11	247	04/16/52	8.92	2090.00				ERR			0	0	2194.50		1985.50		
12	296	02/24/57	13.20	10700.00				ERR		slope-area	0	0	11235.00		10165.00		
13	402	12/24/64	11.20	4420.00				ERR			0	0	4641.00		4199.00		
14	460	04/03/69	9.74	2560.00				ERR			0	0	2688.00		2432.00		
15	505	07/29/74	8.41	2030.00				ERR			0	0	2131.50		1928.50		
16	603	03/21/84	8.93	3230.00				ERR		30c wt, recalc depth graphically,	0	0	3391.50		3068.50		
17	684	03/22/93	7.19	2240.00				ERR			0	0	2352.00		2128.00		
18	685	03/26/93	8.31	3300.00				ERR			0	0	3465.00		3135.00		
19	700	09/20/94	2.60	1.96	-0.14	9.10	2.12	-78.5	-7.5	heavy debris	0	0	2.06		1.86		
20	beg rt 21 oct 1																
21	701	10/25/94	3.06	43.10	-0.14	64.50	42.6	-33.2	1.2	last gs mmt here	0	0	45.26		40.95		
22	702	12/02/94	3.14	79.00	0.00	80.40		-1.7			0	0	82.95		75.05		
23	703	01/09/95	3.12	70.90	iced	76.10		-6.8		frozen over at sta, riffle clr 275' bl	0	0	74.45		67.36		
24	704	02/03/95	5.30	973.00	0.00	890.00		9.3		26.6% q in 2 sects, 1@9.4, mmt	0	0	1021.65		924.35		

13214000.wb3 QuickCell

NUM CAPS SCRL Sum=3289205.95 Ave=1171.786943 Count=2807 ...



BIBER EXPLORER

US BIBER V4.0.34 Database: wiski_owrd@bottle\wiski User ID vangoric ADMINISTRATOR:

File View Measurement Basic data Import/Export Window Help

BIBER Explorer

View: **River name**

- [-] River name
 - [-] Templates
 - [-] Deschutes
 - [-] Goose and Summer Lakes
 - [-] ANA R NR SUMMER LAKE
 - [-] BUCK CR AB PAULINA MARSH N
 - [-] CHEWAUCAN R NR PAISLEY
 - [-] COTTONWOOD CR AB COTTON
 - [-] COTTONWOOD CR BL N DREW
 - [-] COTTONWOOD CR NR LAKEVIEW
 - [-] DEEP CR AB ADEL
 - [-] DOG CR NR LAKEVIEW
 - [-] Drews Res nr Lakeview
 - [-] HONEY CR NR PLUSH
 - [-] N DREWS CN NR LAKEVIEW
 - [-] S DREWS CN NR LAKEVIEW
 - [-] SILVER CR NR SILVER LAKE
 - [-] SILVER LAKE I D CN NR SILVER
 - [-] SUMMER LAKE CN NR SUMMER
 - [-] Thompson Valley Res nr Silver Lake
 - [-] TWENTYMILE CR NR ADEL
 - [-] Grande Ronde
 - [-] Hood
 - [-] John Day
 - [-] Klamath
 - [-] Malheur
 - [-] Malheur Lake
 - [-] Mid Coast
 - [-] North Coast

☐ Show also external values

Station	Measurements of station
---	Status No. Date / Time S[ft] Q [cfs] b [ft] A [ft]
1	confirmed 952 04/20/2007 09:50 1.66 234.970 51.80
2	confirmed 951 04/02/2007 16:50 1.66 241.261 51.40
3	confirmed 950 04/02/2007 12:22 1.70 251.674 53.50
4	confirmed 949 02/27/2007 10:10 0.65 52.043 42.00
5	confirmed 948 12/19/2006 12:08 0.61 57.014 45.00
6	confirmed 947 11/20/2006 11:11 0.80 76.451 53.50
7	confirmed 946 11/01/2006 14:02 0.45 40.610 47.00
8	confirmed 945 09/28/2006 09:48 0.37 31.496 47.00
9	confirmed 944 08/26/2006 13:20 0.40 29.427 53.00
10	confirmed 943 07/28/2006 11:15 0.54 43.049 53.20
11	confirmed 942 06/29/2006 11:42 1.60 208.470 57.70
12	exclude 941 05/19/2006 10:46 4.25 2120.000 76.00
13	confirmed 940 05/01/2006 12:00 3.63 1280.000 65.00
14	confirmed 939 04/01/2006 11:15 1.59 214.510 56.70
15	confirmed 938 03/13/2006 13:17 1.04 101.612 53.60
16	confirmed 937 01/31/2006 12:09 1.33 155.006 50.50
17	confirmed 936 12/30/2005 11:30 2.15 390.000 -777.00
18	confirmed 935 11/30/2005 12:45 0.70 43.831 50.00

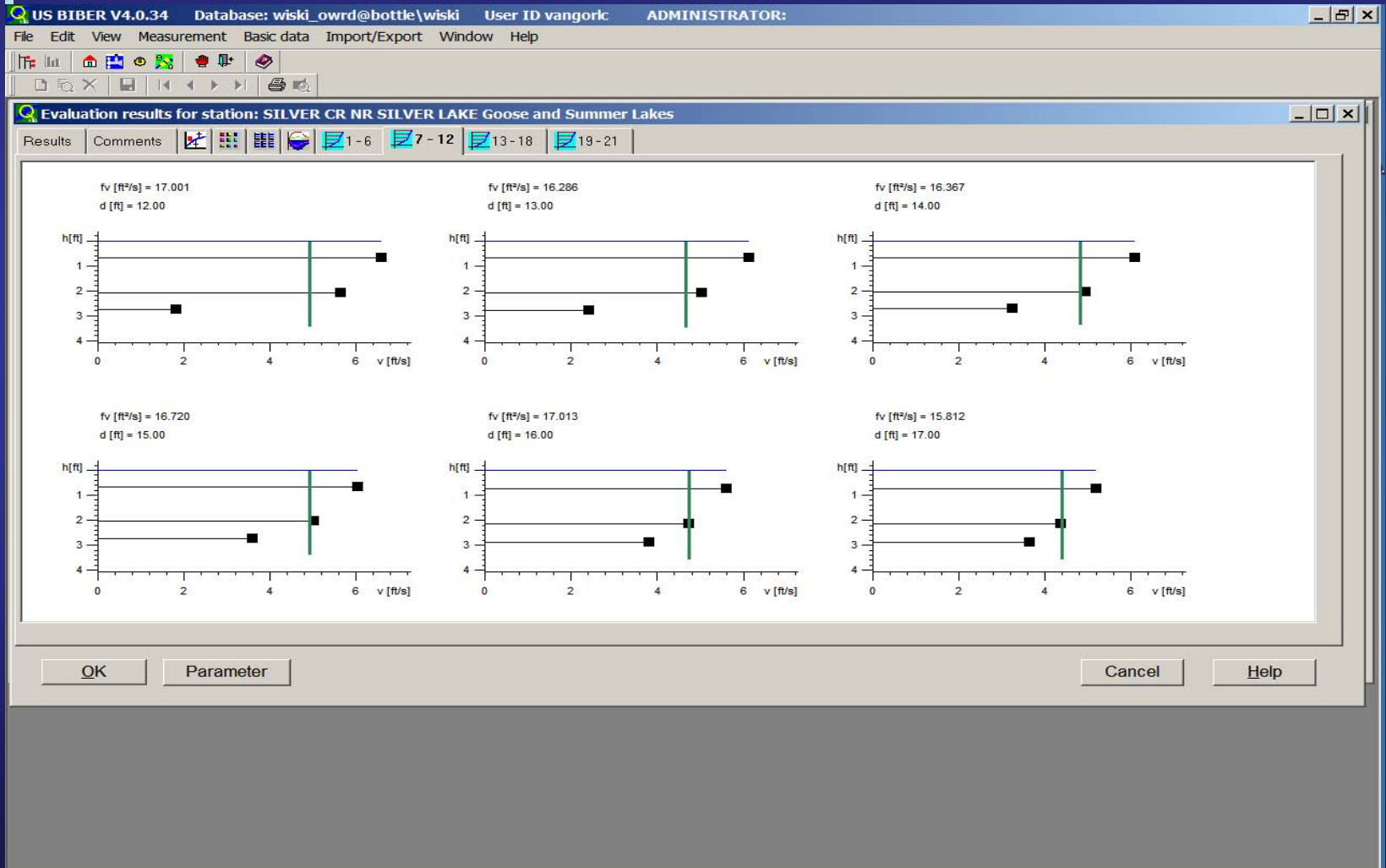
Station: CHEWAUCAN R NR PAISLEY / River: Goose and Summer Lakes / Number of measurements: 187

Bereit



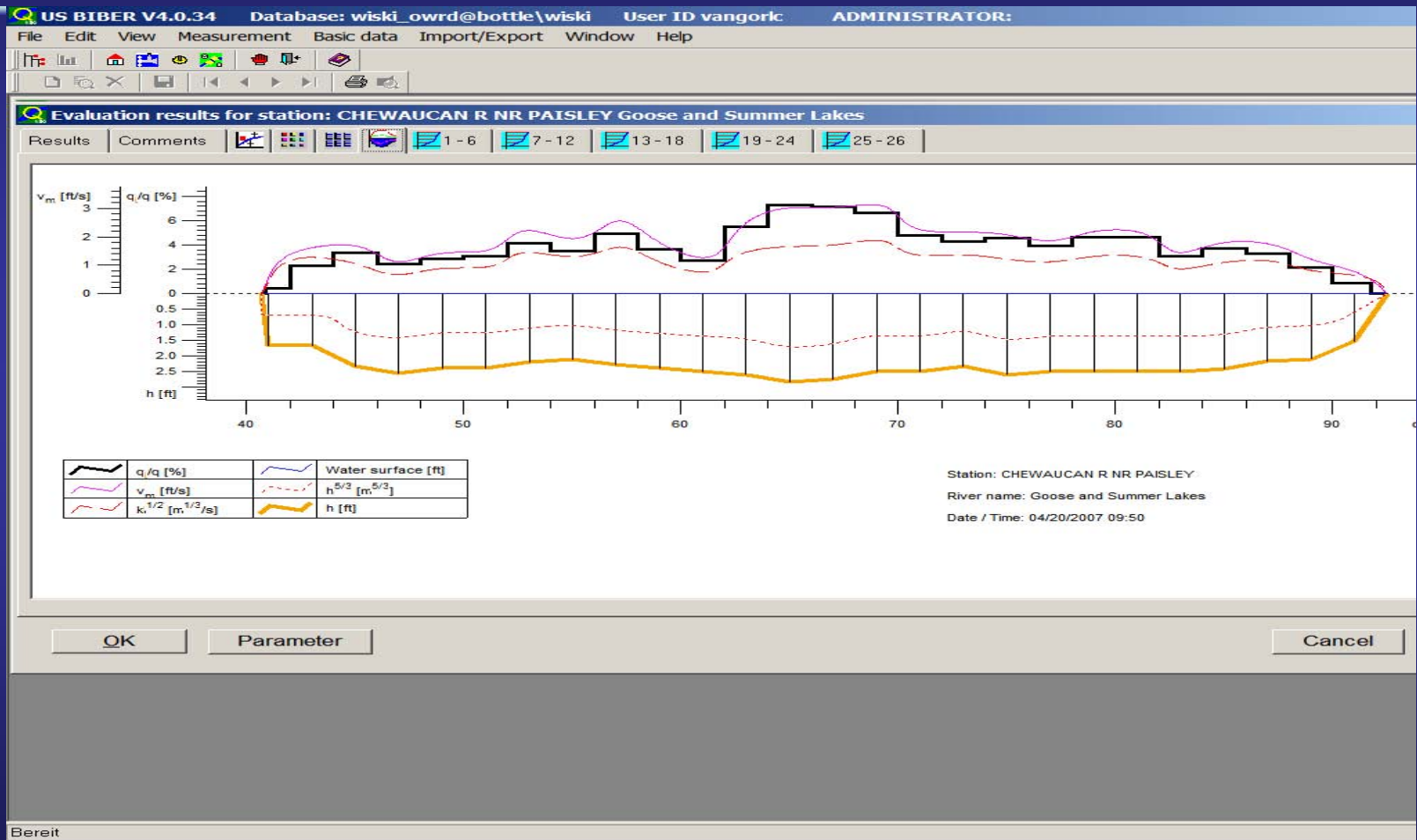
VELOCITY

EVALUATION



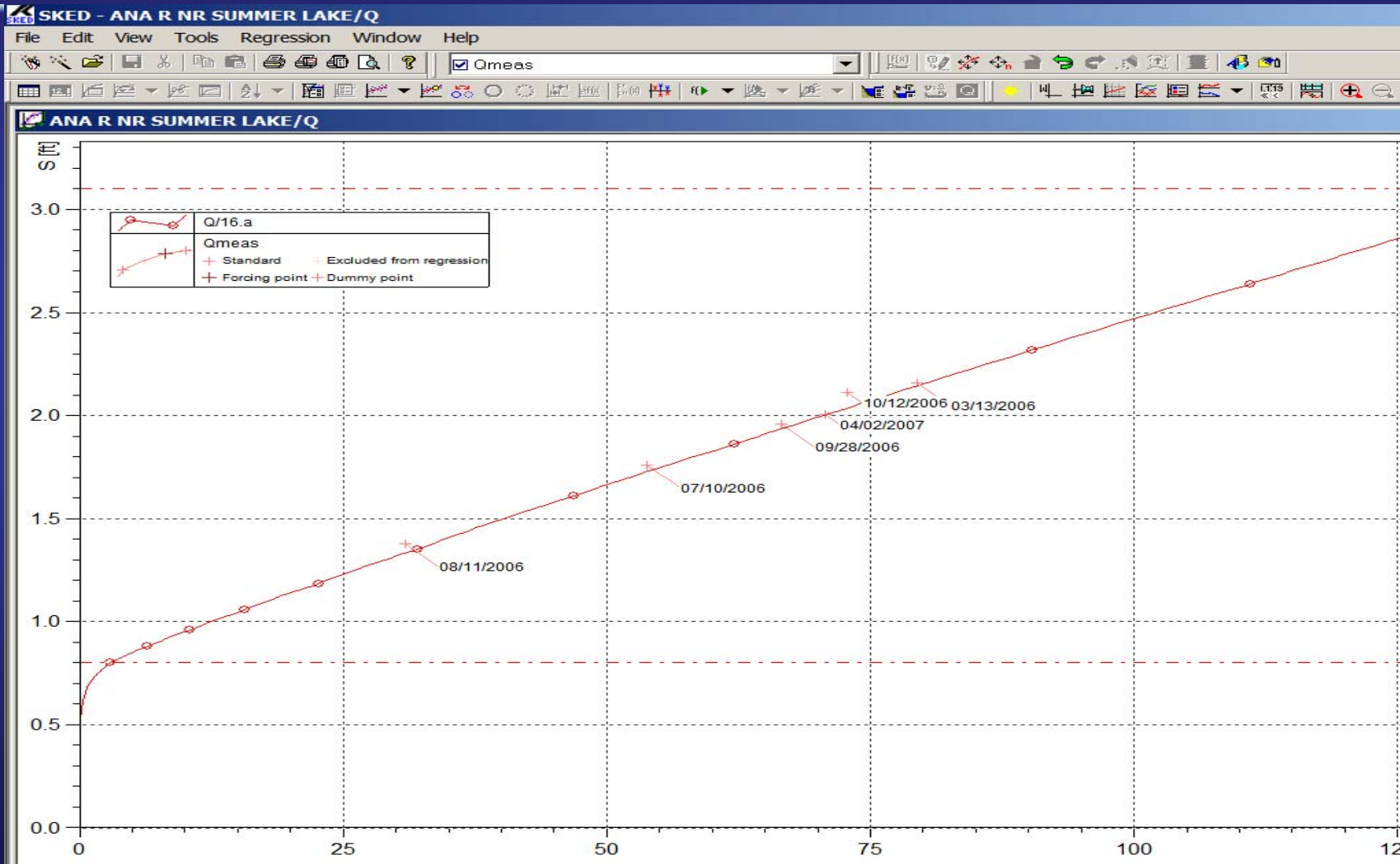


CROSS SECTION EVALUATION





SKED- RATING CURVE EDITOR





BIBER TRAINING DOCUMENT

US BIBER V4.0.17 Database: Wiski User ID: marvink ADMINISTRATOR

File View Measurement Basic data Import/Export Window Help

BIBER Explorer

View: Stations

Status	No.	Date / Time	S (ft)	Q (cfs)	b (ft)	A (ft ²)	V (ft/s)	Editing date	Calculation method
confirmed	836	04/08/2005 10:01	2.52	496.007	63.0	159.325	3.110	05/02/2005 14:42	Ms-Section
confirmed	835	04/04/2005 16:02	1.47	141.426	55.0	90.525	1.562	04/14/2005 13:57	Ms-Section
confirmed	834	03/07/2005 12:22	1.02	62.096	54.2	66.590	0.933	05/02/2005 14:57	Ms-Section
confirmed	833	01/27/2005 12:00	0.98	63.400	-777.0	-777.000	-777.000		not defined
confirmed	832	12/02/2004 12:40	0.53	18.500	-777.0	-777.000	-777.000		not defined
confirmed	831	11/01/2004 10:34	0.52	18.400	-777.0	-777.000	-777.000		not defined
confirmed	830	09/29/2004 13:09	0.48	16.400	-777.0	-777.000	-777.000		not defined
confirmed	829	08/26/2004 12:34	0.38	10.800	-777.0	-777.000	-777.000		not defined
confirmed	828	07/26/2004 12:17	0.37	9.900	-777.0	-777.000	-777.000		not defined
confirmed	827	06/25/2004 11:01	0.75	35.400	-777.0	-777.000	-777.000		not defined
confirmed	826	05/27/2004 11:45	1.86	192.000	-777.0	-777.000	-777.000		not defined
confirmed	825	03/05/2004 11:59	2.07	215.000	-777.0	-777.000	-777.000		not defined

Show also external values

Station: DEER CR AB ADEL OR / View: Station and Measurement / Number of measurements: 16

6/20/2005 11:12

Features:

- To find a measurement, use the scroll bar on the left side of the table or click on the “+” symbol next to the station and then scroll down to the measurement.
- To re-sort the table, click on the parameter name at the top of the table.
- To edit or evaluate a measurement, right click on the measurement to see the available features.



WISKI EXPLORER

WISKI | user: vangoric | role: administrator

File Edit View Basic data Import Export Applications Tools Windows Help

WISKI Explorer

View River Edit Time series from 5 / 1 / 2007 to 5 / 17 / 2007

- 0.0 km - CHEWAUCAN R NR PAISLEY/10384000
 - Q / basic data
 - Q / summary data
 - S / basic data
 - S / summary data
- 0.0 km - COTTONWOOD CR AB COTTONWOOD RES NR LAKEV/1133995
- 0.0 km - COTTONWOOD CR BL N DREWS CN NR LAKEVIEW/11340695
- 0.0 km - COTTONWOOD CR NR LAKEVIEW/11340500
- 0.0 km - DEEP CR AB ADEL/10371500
- 0.0 km - DOG CR NR LAKEVIEW/11337950
- 0.0 km - Drews Res nr Lakeview/11338500
- 0.0 km - HONEY CR NR PLUSH/10378500
- 0.0 km - Lakeview AgriMet Weather/W3
- 0.0 km - Lakeview Weather/354670
- 0.0 km - N DREWS CN NR LAKEVIEW/11339000
- 0.0 km - S DREWS CN NR LAKEVIEW/11339700
- 0.0 km - SILVER CR NR SILVER LAKE/10390000
- 0.0 km - SILVER LAKE I D CN NR SILVER LAKE/10389500
- 0.0 km - SUMMER LAKE CN NR SUMMER LAKE/10387500
- 0.0 km - Thompson Valley Res nr Silver Lake/10388800
- 0.0 km - TWENTYMILE CR NR ADEL/10366000
- Grande Ronde / 8
- Hood / 4
- John Day / 6
- Klamath / 14
- Malheur / 10
- Malheur lake / 12

Goose and Summer Lakes / 13 0.0 km - CHEWAUCAN R NR PAISLEY/10384000

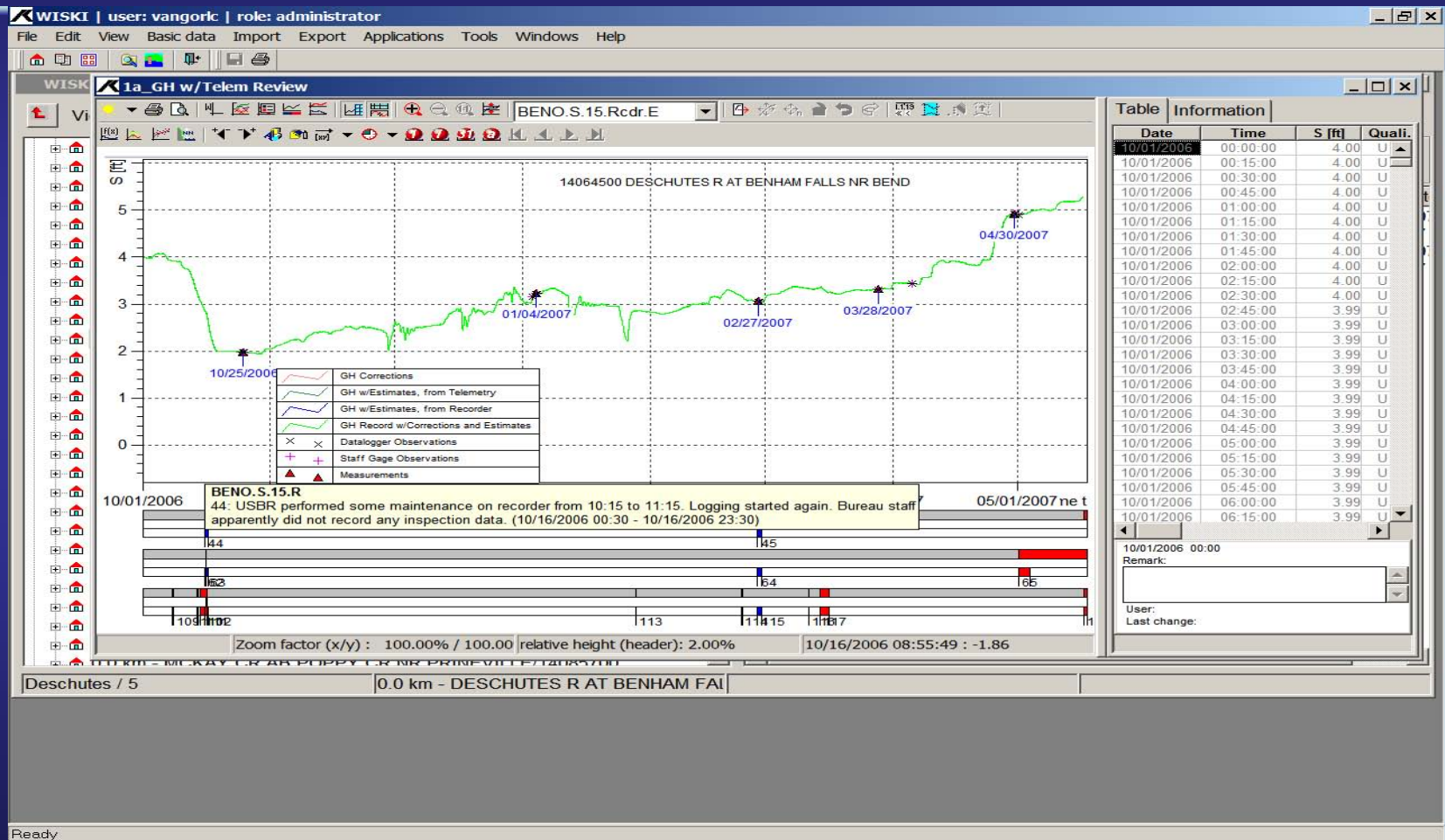
Parameter of station

Parameter	Time series	Data from	Data up to
Q	basic data	1/11/1957	4/20/2007
Q	summary data	4/3/1912	5/1/2007
S	basic data	9/29/2000	5/3/2007
S	summary data	10/1/2000	4/2/2007

Ready

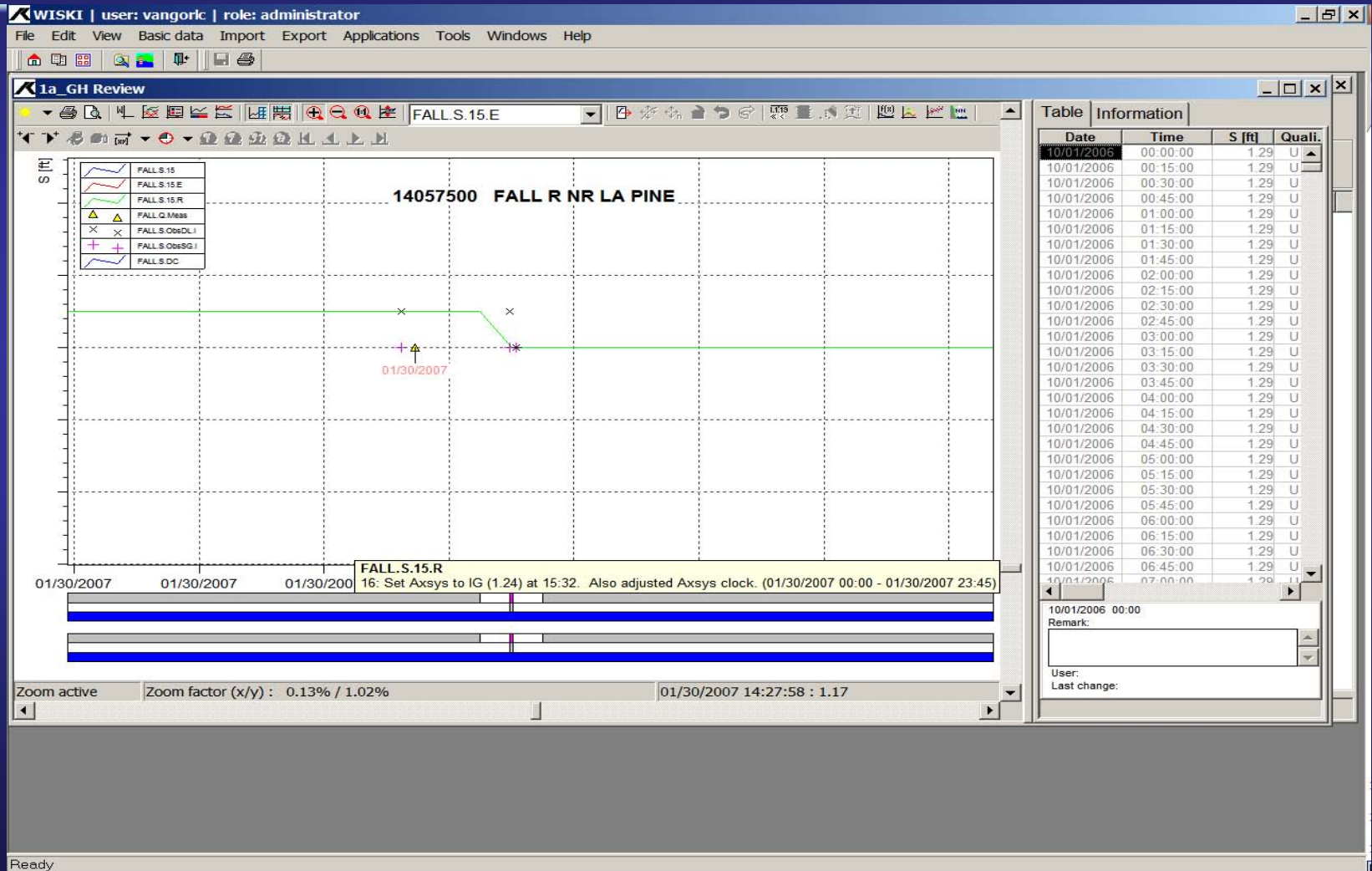


GAGE HEIGHT REVIEW LAYOUT





GH LAYOUT DETAIL





TIME SERIES FOR DISCHARGE

WISKI | user: vangoric | role: administrator

File Edit View Basic data Import Export Applications Tools Windows Help

WISKI Explorer

View River Edit Time series from 10/1/2006 to 5/17/2007

- Templates / 000
- Deschutes / 5
 - Goose and Summer Lakes / 13
 - 0.0 km - ANA R NR SUMMER LAKE/10388000
 - Q / basic data
 - Q / summary data**
 - S / basic data
 - S / summary data
 - 0.0 km - BUCK CR AB PAULINA MARSH NR SILVER LAKE/10391050
 - 0.0 km - CHEWAUCAN R NR PAISLEY/10384000
 - 0.0 km - COTTONWOOD CR AB COTTONWOOD RES NR LAKEV/1133995
 - 0.0 km - COTTONWOOD CR BL N DREWS CN NR LAKEVIEW/11340695
 - 0.0 km - COTTONWOOD CR NR LAKEVIEW/11340500
 - 0.0 km - DEEP CR AB ADEL/10371500
 - 0.0 km - DOG CR NR LAKEVIEW/11337950
 - 0.0 km - Drews Res nr Lakeview/11338500
 - 0.0 km - HONEY CR NR PLUSH/10378500
 - 0.0 km - Lakeview AgriMet Weather/W3
 - 0.0 km - Lakeview Weather/354670
 - 0.0 km - N DREWS CN NR LAKEVIEW/11339000
 - 0.0 km - S DREWS CN NR LAKEVIEW/11339700
 - 0.0 km - SILVER CR NR SILVER LAKE/10390000
 - 0.0 km - SILVER LAKE I D CN NR SILVER LAKE/10389500
 - 0.0 km - SUMMER LAKE CN NR SUMMER LAKE/10387500
 - 0.0 km - Thompson Valley Res nr Silver Lake/10388800
 - 0.0 km - TWENTYMILE CR NR ADEL/10366000

Time series of parameter

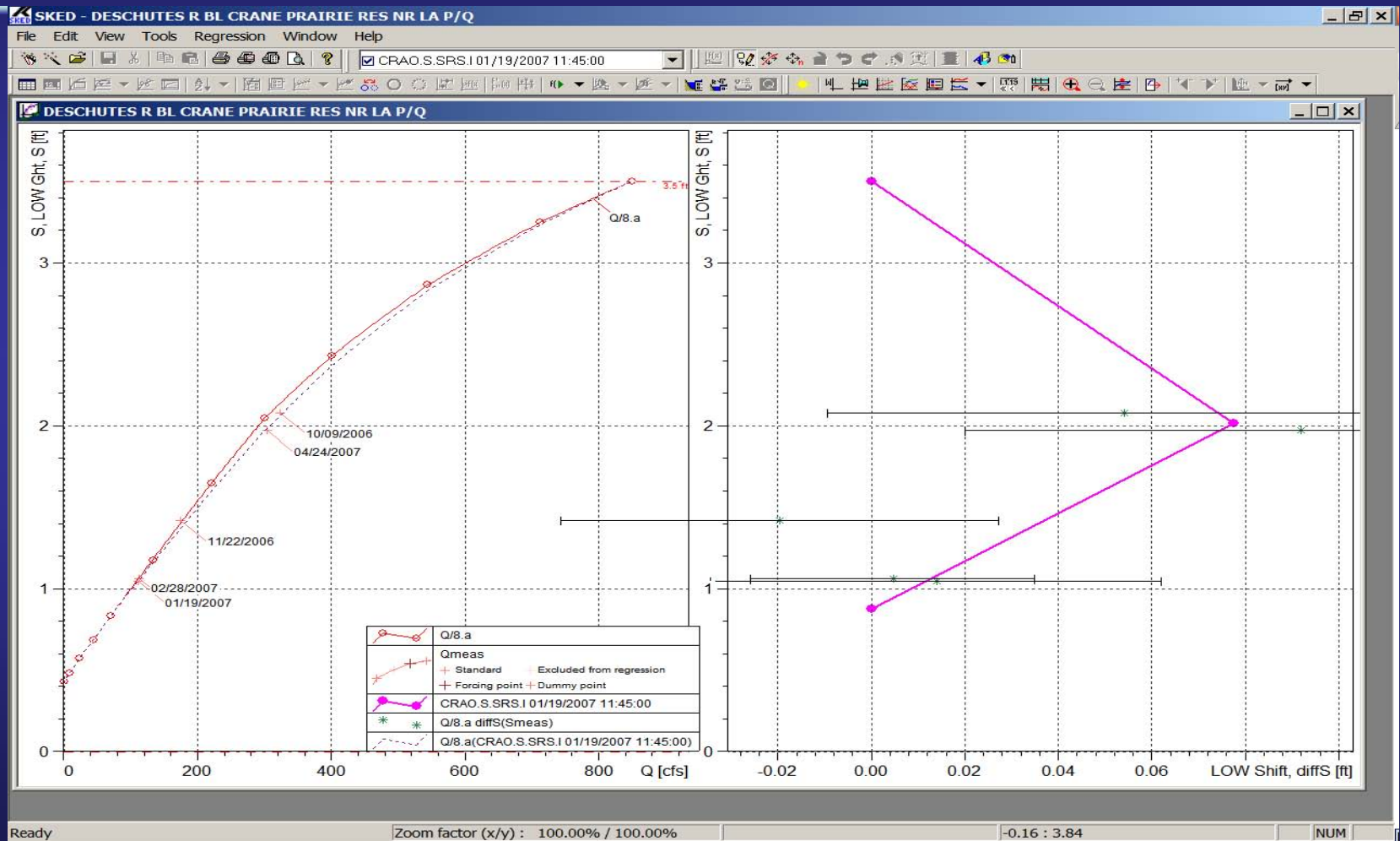
Time series	Data from	Data up to
ANSL.Q.DayMax	12/31/2002	1/29/2007
ANSL.Q.DayMean.E	3/1/1928	11/7/2004
ANSL.Q.DayMean.O	10/1/2003	11/7/2004
ANSL.Q.DayMin	12/31/2002	1/29/2007
ANSL.Q.MonthMax	1/1/2003	1/1/2007
ANSL.Q.MonthMean	1/1/2003	1/1/2007
ANSL.Q.MonthMin	9/1/2006	1/1/2007
ANSL.Q.YearMax	2/2/2004	10/1/2006
ANSL.Q.YearMean	1/1/2003	1/1/2007
ANSL.Q.YearMin	8/2/2004	10/1/2006

Goose and Summer Lakes / 13 0.0 km - ANA R NR SUMMER LAKE/10388000 Q / summary data

Ready



VARIABLE STAGE SHIFT EDITOR





WORKING HYDROGRAPH

